

SYSTEMS AND METHODS FOR CONNECTING
AN ELECTRONIC APPARATUS TO A BACKPLANE

ABSTRACT OF THE DISCLOSURE

5 An electronic apparatus includes a first assembly and a second assembly. Each
assembly has a circuit board defining a front side and a back side, a set of connectors
mounted to the front side of that circuit board, and a heat sink disposed over the front
side of that circuit board. The heat sink is configured to provide cooling to that
assembly. The electronic apparatus further includes a coupling mechanism that couples
10 the first and second assemblies together in a substantially parallel manner. The sets of
connectors of the assemblies form a connection interface to concurrently connect the
first and second assemblies to a backplane.